AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

- 1. (currently amended) A <u>secondary</u> battery comprising [[an]] <u>a static</u> acid electrolyte <u>fluid</u> in which oxygen and a dendrite-forming metal form a redox pair, and wherein acidity of the electrolyte is provided at least in part by [[a]] <u>an organic</u> compound that reduces dendrite formation during charging.
- 2. (Original) The battery of claim 1 wherein the dendrite-forming metal is zinc.
- 3. (Original) The battery of claim 1 wherein the compound comprises an organic acid.
- 4. (Original) The battery of claim 3 wherein the compound comprises methane sulfonic acid.
- 5. (Original) The battery of claim 3 wherein the compound is selected from the group consisting of polyvinyl sulfonic acid, polyvinyl sulfuric acid, and sulfurous acid.
- 6. (Original) The battery of claim 1 further comprising a zinc brightener.
- 7. (Original) The battery of claim 6 wherein the zinc brightener is selected from the group consisting of an aromatic monocarboxylic acid, an aromatic aldehyde, and a polyhydric alcohol having ethoxylated or propoxylated hydroxyl groups.
- 8. (Original) The battery of claim 1 wherein the dendrite-forming metal forms a complex with the compound when the battery discharges.
- 9. (Original) The battery of claim 8 wherein the dendrite-forming metal is zinc, and wherein the compound comprises methane sulfonic acid.
- 10. (Original) The battery of claim 1 wherein the oxygen is reduced on a cathode when the battery is charged, and wherein the cathode comprises at least one of a Magnelli phase titanium suboxide and glassy carbon.

- 11. (Original) The battery of claim 1 comprising a plurality of cells in which a bipolar electrode separates a first cell from a second cell, and in which at least one side of the bipolar electrode comprises a Magnelli phase titanium suboxide.
- 12. (Withdrawn) A secondary battery comprising an acid electrolyte and further comprising a redox pair comprising zinc and oxygen, and wherein the electrolyte further comprises methane sulfonic acid in an amount effective to reduce dendrite formation.
- 13. (Withdrawn) The secondary battery of claim 12 further comprising a separator separating an anolyte from a catholyte, wherein (a) the methane sulfonic acid is protonated in the anolyte and wherein (b) the methane sulfonic acid is deprotonated in the catholyte when the battery is charging.
- 14. (Withdrawn) The secondary battery of claim 12 wherein the oxygen is reduced on a cathode when the battery is charged, and wherein the cathode comprises at least one of a Magnelli phase titanium suboxide and glassy carbon.
- 15. (Withdrawn) The secondary battery of claim 12 comprising a plurality of cells in which a bipolar electrode separates a first cell from a second cell, and in which at least one side of the bipolar electrode comprises a Magnelli phase titanium suboxide.
- 16. (Withdrawn) A secondary battery comprising a static catholyte and a static acidic anolyte, and in which oxygen and a dendrite-forming metal form a redox pair, wherein at least one of the catholyte and the anolyte includes a dendrite-reducing acid thereby allowing use of the battery through at least 50 cycles at substantially unchanged battery performance.
- 17. (Withdrawn) The secondary battery of claim 16 wherein the dendrite-forming metal is zinc.
- 18. (Withdrawn) The secondary battery of claim 16 wherein the dendrite-reducing acid is selected from the group consisting of methane sulfonic acid, polyvinyl sulfonic acid, polyvinyl sulfuric acid, and sulfurous acid.

- 19. (Withdrawn) The battery of claim 16 wherein the oxygen is reduced on a cathode when the battery is charged, and wherein the cathode comprises at least one of a Magnelli phase titanium suboxide and glassy carbon.
- 20. (Withdrawn) The battery of claim 16 comprising a plurality of cells in which a bipolar electrode separates a first cell from a second cell, and in which at least one side of the bipolar electrode comprises a Magnelli phase titanium suboxide.